



Simi Settlers' Amateur Radio Club

Short Circuit

November 2020		November 4, 2020	Static & Sparks
Inside this Issue		Meeting Programs	Brian Hernandez - KM6MIN
1	Pending Programs Static & Sparks	<p>At the next Zoom meeting, we will have a presentation on a Mobile Ham Shack.</p> <p>Thanks to past presenters:</p> <p>September Orv Beach, W6BI for updates and information on Simi Valley mesh network repeater sites.</p> <p>October Buzz Tarlow, AC6AC for CW operating and Morse Academy.</p> <p>Meetings</p> <p>The November Board meeting will be held on the 19th to miss the Turkey Day food induced comas.</p> <p>There is no December social get together. We will hold a regular Zoom meeting on December 10th. Since there is no scheduled presentation, can you share what your current project is?</p> <p>Membership Renewal</p> <p>If you have not already done so, do it now. You can fill out the form at the end of the newsletter and send a check to:</p> <p>Simi Settlers ARC P.O. Box 2125 Simi Valley, CA 93062-2125</p>	<p>Happy November everybody!</p> <p>October has come and gone and I was able to scare some kids on Halloween. What have all of you been up to?</p> <p>Now we prepare for that yearly feast. With things still being how they are, we have a chance to really appreciate the people locked in with us and thank them for their patience. For enduring the endless dits and dahs, the calls for CQ, your favorite repeater identifying itself and the static, all that static. And each other for being on the air that much more and keeping the hobby going so more people find out and start having fun on the air too.</p> <p>Happy November and happy Thanksgiving everybody!</p> <p>Brian Hernandez KM6MIN</p> <p>Oh hey, don't forget if you've done something that you find cool, interesting, or share-worthy, write about it and send it in to be published in the newsletter.</p>
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	General Meetings Time: 7:00pm on the 2nd Thursday of every month. Held via Zoom.		

November 2020

Nets of Interest

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
LSB Net 8pm 3.908 MHz SSARC 2 Meter Net* 8:30 pm SMRA-ERN Repeater 146.805 -0.6MHz PL100.0 or 445.580 -5.0MHz PL100.0	Condor Connection 7pm (Plays Newslines) Frazier Mountain 224.720-1.6 MHz PL156.7	LSB Net 8pm 3.908 MHz ACS Area 1 Simi Valley SMRA-ERN 7:05pm Repeater 146.805 -0.6MHz PL100.0 or 445.580 -5.0MHz PL100.0 ATN-CA Net 7:30pm http://atn-tv.org/night.htm ACS Area 1 Simplex net, 6:45 PM on 145.510MHz	Channel Islands chapter 10-10 International 28.34 MHz at 10AM and 6PM Mesh IRC Net. 6-10 PM Mesh VOIP Net 8pm 2.4/5.8 GHz Mesh	LSB Net 8pm 3.908 MHz		SSARC SSB HF Net 8:30am 7.240 (+ or - QRM/N) 40 meter CW-QRP 9am 7.032 MHz Quad Squad net 1PM on 21.365 MHz's

Additional information on local nets can be found on the CVARC web site at: <http://www.cvarc.org>

Sunday Night Net Control Operators

Thanks to our fine Net Control Operators: Steve, KE6WEZ; Rick, W6DQE; Ray, KI6LKD; Jay, AG6JF, Brian KM6MIN and Dante, KK6JCQ.

ACS/ARES Corner

We are always looking for ACS members that would like to become Net Controllers. You will receive hands on training at the Simi Valley PD (where we normally conduct the Weekly Net). It is both fun and at times challenging. You will gain valuable experience in running a controlled Net as well as becoming more than just familiar with the equipment in the Radio Room at the PD. If you would like to volunteer for this, let me know - ke6wez@gmail.com

If anyone is interested in how to setup your own packet station, RMS Winlink station, or a Mesh Node, let me know and we can get you started in the proper direction.

NOTE: Please be advised that we hold the Tue. countywide net at 19:30 (7:30PM) on the Sulphur Mountain WD6EBY repeater 145.200, minus 600 KHz offset, CTCSS of 127.3. Until further notice, this will be our standard frequency for countywide communications.



- Steve King KE6WEZ (ke6wez@gmail.com)

Upcoming ACS/ARES Events:

1. Although the cooling temperature is here, the fire danger is real due to the Santa Ana winds are around the corner. Check your batteries and your go kits.

November 2020

Events

Thursday, November 5, 2019, 6:00pm SSARC Pizza Night

Toppers Pizza, 2408 Erringer Rd, Simi Valley (even months)

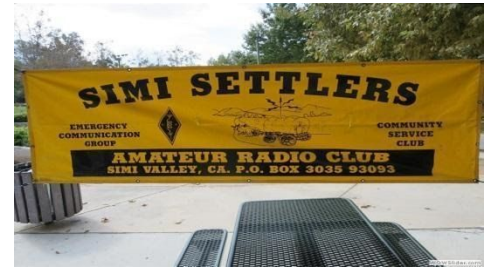
Mod Pizza, 2941 Cochran St, Unit 1A, Simi Valley (odd months)

Thursday, November 12, 2019, 7:00pm SSARC General Meeting

Via Zoom

Thursday, November 19, 2019, 7:00pm SSARC Board Meeting

Via Zoom.



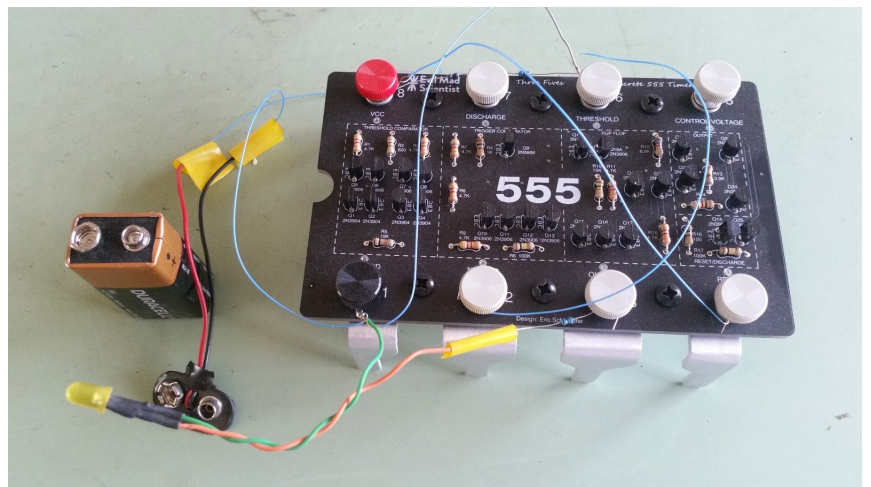
Projects!

Projects listed here are intended to peak your interest. Ask questions, or submit your entry for the next newsletter.

555 Timer Integrated Circuit

Originally released in 1972, the 555 timer chip is still a great device. With just a few resistors and capacitors, you can make a timer with any desired duty cycle. The time can be set from milli-seconds to many hours. Normally the device is a tiny 8 pin chip, but I have this model of the timer built using discrete transistors. Works!

Eric - ke6mlf



Packet Radio - alive again!

Used since the early 80s, packet radio is a digital mode great for sending small bits of text between stations. Mostly replaced by the Internet and other digital nodes, it is still used for emergency communication or a small group of enthusiasts. Just rewired my packet TNC (terminal node controller) to a different radio and got it on the air. Starting to explore the local stations around the area.

Eric - ke6mlf



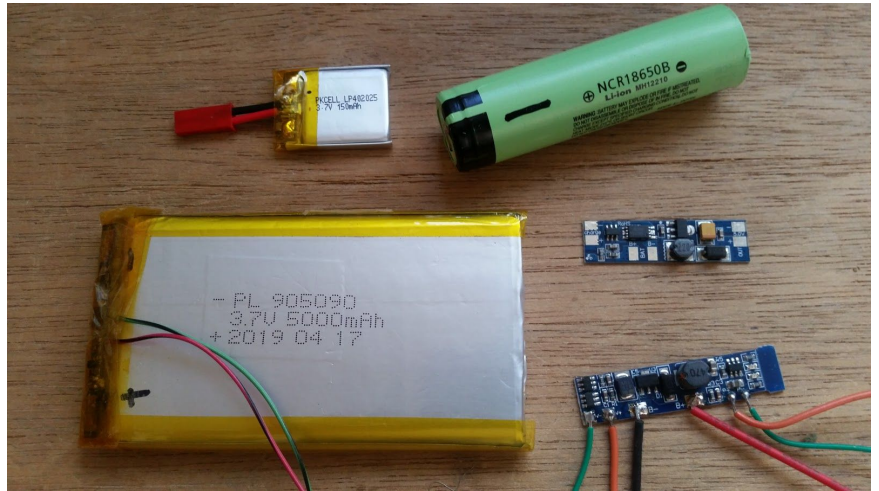
Li-ion batteries and protection circuits

Lithium ion batteries are a bit touchy about charging and discharging. If you overcharge them, they can explode. If you discharge them too much, they will be permanently damaged. Usually there is an attached circuit to stop overcharging and to also disconnect them when they are discharged to the minimum acceptable level.

The two silver pouch batteries already have protective circuit boards under the yellow tape.

The cylindrical battery is “unprotected”, and I am experimenting with the two small circuit boards to determine which one to use in future projects.

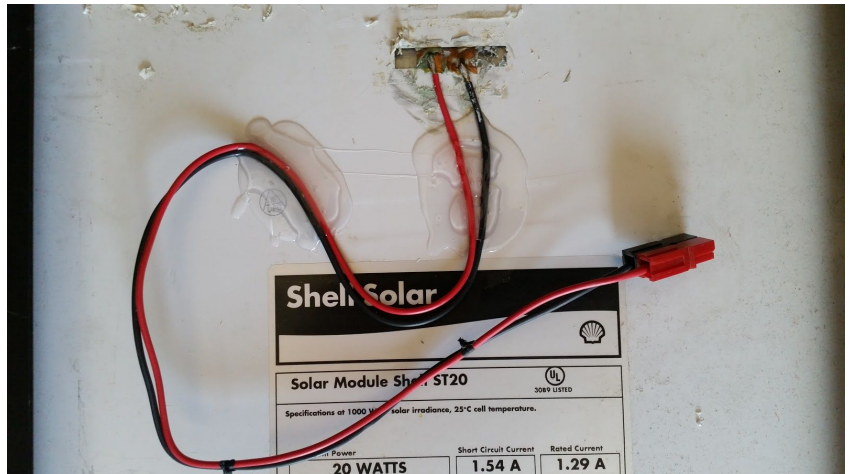
Eric - ke6mlf



Broken Solar Panel Repairs

I received two 20 watt solar panels that were abused and had the wires ripped out. Carefully peeled back the coating and found the places to solder new wires. Put a few blobs of flexible adhesive on the wires for a strain relief. Plugged in to a solar charge controller and they are working again to keep my backup battery charged.

Eric - ke6mlf



Letter From The Editor

Please submit articles, pictures, etc. on things of interest to our SSARC community for publication to me at ericoberg1@gmail.com. Such items may discuss your recent antenna project, shack modifications, new operating modes, anecdotes from portable field operations, and so forth. A picture with a caption works. A few sentences strung together works. A few paragraphs, a few pages with detailed illustrations.... It's all good.

73, Eric KE6MLF

November 2020

General Membership Meeting, October 8, 2020

Call to Order: The meeting was called to order at 7:05 pm by President, Brian Hernandez, KM6MIN. Brian welcomed everyone to the meeting, held over the internet using Zoom. 7 Officers and Board Members/Advisors were present. The total attendance was approx. 18.

Treasurer: Treasurer Glenn Daly, WA6GNB, was not present until late in the meeting, so there was no Treasurer's report this month.

Membership: Jim Parker, KJ6LXJ, reported that a few people have said their "Check is in the mail" for membership renewals that Jim has not yet received.

Election Results: There was discussion of our election of officers for the new Club year 2020-2021. There would normally be an election of officers at the June General Meeting. Former President Bill Woods, AB6BW, said he had seen some email votes in favor of the new slate of officers; and none with objections. Since there has been no formal record made of the election results, a motion was **MSP:** To declare that the membership has elected the slate of officers for 2020-2021 as follows: President, Brian Hernandez, KM6MIN; Treasurer, Glenn Daly, WA6GNB; Secretary, John Percival, WI6O; Membership/Webmaster, Jim Parker, KJ6LXJ; PIO, Linda Parker; and Historian, Mike Tweedy, KV6I. The office of Vice President remains unfilled. The office of Newsletter Editor was open but now is filled by volunteer Eric Oberg, KE6MLF. Other positions on the Board are now filled as follows: Refreshments chair, Bill Everett, KI6KSV, Prize chairman Jim Veronica, WA6NXK and co-chair Rick Galbraith, W6DQE. Brian Hernandez is the Net Coordinator.

Program: President Brian introduced our speaker Buzz Tarlow, AC6AC, who gave a presentation about CW operating and the Morse Academy. The Morse Academy is operated by the CW OPS club which has over 2,000 members worldwide in nearly 100 countries. Buzz discussed the history of CW from its days as an FCC license requirement, through the VEC program, and now the "No-Code" era. Within the Morse Academy, there are four levels of free CW classes from Beginner to Advanced. The goal is to reach 25 words per minute as a "graduation" speed. Buzz said there are about 80 instructors who give the twice a week classes for 5 to 6 students. The emphasis in the classes is for "instant recognition" of characters by sound. The goal is to make CW fun and to make friends. At the end of his talk, Buzz answered questions from the group.

Member Drawing: Brian made the drawing for the progressive Membership drawing and reported the winning name was Alysia Bright, KN6DPH. Since Alysia was not logged into the meeting, she could not win the \$40 prize. The prize amount will therefore increase to \$50.00 for our November meeting. While the Club continues to hold meetings on Zoom, members must be logged into the meeting to win. The prize amount grows by \$10 each month it is unclaimed.

Adjournment: The Zoom meeting was adjourned at 8:52pm.

Submitted by: Secretary, John Percival, WI6O

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Simi Settlers' Amateur Radio Club Web Page: <http://www.simisetters.org/index.htm>

Simi Settlers' ARC Yahoo Group: <http://groups.yahoo.com/group/SimiSettlersARC>

Mail: P.O. Box 2125 Simi Valley, CA 93062-2125

Simi Settlers' Leadership				
President	Brian Hernandez	KM6MIN	(805) 813-7595	km6min_bh@yahoo.com
Vice President	VACANT			
Secretary	John Percival	WI6O		johnspercival1@gmail.com
Treasurer	Glenn Daly	WA6GNB		gnb.2112@yahoo.com
Committee Chairpersons				
Webmaster	Jim Parker	KJ6LXJ	(805) 368-6745 cell	kj6lxj@gmail.com
Newsletter	Eric Oberg	KE6MLF	(805) 791-0745 cell	ericoberg1@gmail.com
Membership	Jim Parker	KJ6LXJ	(805) 368-6745 cell	kj6lxj@gmail.com
PIO	Linda Parker		(805) 558-1731 cell	kj6lxj@gmail.com
Raffle Prizes	Rick Galbraith	W6DQE	(805) 433-4513 cell	rick@keymaterial.com
Youth Coordinator	VACANT			
Historian	Mike Tweedy	KV6I		mtweedy@roadrunner.com
Net Coordinator	Brian Hernandez	KM6MIN	(805) 813-7595	
Net Coordinator	Steve King	KE6WEZ		ke6wez@gmail.com
Food Services	Bill Everett	KI6KSV		ki6ksv@gmail.com
Room Coordinator	Linda Parker		(805) 558-1731 cell	kj6lxj@gmail.com
Elmers and Members at Large				
Past-President	Bill Woods	AB6BW	(818) 694-9019cell	AB6BW1@gmail.com
Elmer	VACANT			
Advisor	Bill Everett	KI6KSV		wildpoky45@earthlink.net
Advisor	Jim Hutchinson	KI6MZ		jhutch17@adelphia.net
Advisor	Brad Rife	KI6KSY		speedy@earthlink.net

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Simi Settlers Amateur Radio Club

P.O. Box 2125 Simi Valley, Ca 93062-2125 --- (www.simisetters.org)

Membership Application



Type of Application:

New Member ☐
Renewal ☐

Type of Membership:

Individual (\$18/yr) ☐
Family (\$20/yr) ☐

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Address: _____ City: _____ State: _____ Zip: _____

Phone: (____) _____ Alt. Phone: (____) _____

E-Mail Address: _____

Additional Family Members:

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Badges requested: Yes ☐ No ☐ How many? _____ X \$18.00 = \$ _____

Name (s) Call(s): _____

Shirts requested: Yes ☐ No ☐ How many? _____ X \$35.00 = \$ _____

Name (s) Call(s) Size(s) (Sm, Med, L, XL, etc): _____

Jackets Requested: Yes ☐ No ☐ How many? _____ X \$88.00 = \$ _____

Name (s) Call(s) Size(s) (Sm, Med, L, XL, etc): _____

OFFICE USE ONLY

Application type: New ☐ Renewal ☐ Membership type: Individual ☐ Family ☐

Date Received: _____ Amount Received: _____ Database completed: _____

Badges and Shirts ordered: _____

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